

selected from the group consisting of SEQ ID NO: 290 through SEQ ID NO: 306 and SEQ ID NO: 586 through SEQ ID NO: 609.

The present invention also provides a substantially purified maize or soybean Mg-chelatase enzyme or fragment thereof encoded by a first nucleic acid molecule which specifically hybridizes to a second nucleic acid molecule, the second nucleic acid molecule having a nucleic acid sequence selected from the group consisting of a complement of SEQ ID NO: 307 through SEQ ID NO: 371 and SEQ ID NO: 610 through SEQ ID NO: 652.

D1 CON't.

The present invention also provides a substantially purified maize or soybean Mg-chelatase enzyme or fragment thereof encoded by a nucleic acid sequence selected from the group consisting of SEQ ID NO: 307 through SEQ ID NO: 371 and SEQ ID NO: 610 through SEQ ID NO: 652.

Please delete the paragraph spanning page 31, line 18 through page 32, line 2 and replace it with the following paragraph:

D2

The present invention also provides a substantially purified antibody or fragment thereof, the antibody or fragment thereof capable of specifically binding to a maize or soybean protochlorophyllide reductase enzyme or fragment thereof encoded by a first nucleic acid molecule which specifically hybridizes to a second nucleic acid molecule, the second nucleic acid molecule having a nucleic acid sequence selected from the group consisting of a complement of SEQ ID NO: 9 through SEQ ID NO: 94 and SEQ ID NO: 398 through SEQ ID NO: 466 or a nucleic acid sequence selected from the group consisting of SEQ ID NO: 9 through SEQ ID NO: 94 and SEQ ID NO: 398 through SEQ ID NO: 466.

IN THE CLAIMS

✓
Please cancel claim 2 without prejudice to or disclaimer of the subject matter contained therein.